Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. **(Currently Amended)** A ~~process~~ method for enriching trehalose [[from]] in a solution[[s]], comprising exposing the solution to an adsorbent comprising a zeolite, thereby enriching trehalose in said solution~~in which the enrichment is performed using an adsorbent, which comprises the adsorbent being an aluminosilicate~~.

2. **(Cancelled)**

3. **(Currently Amended)** The method of claim 1~~process as claimed in claim 1 or 2~~, wherein the trehalose is adsorbed to the zeolite~~aluminosilicate~~.

4. **(Currently Amended)** The method of claim 1~~process as claimed in one of claims 1 to 3~~, wherein the zeolite is selected from the group consisting of FAU, BEA, DON, EMT, CFI, MOR, MAZ and OFF.

5. **(Currently Amended)** The method of claim 1~~process as claimed in one of claims 1 to 4~~, wherein the adsorbent is used during chromatographic separation ~~in the course of a chromatographic process~~.

6. **(Currently Amended)** The method of claim 1~~process as claimed in one of claims 1 to 5~~, wherein the solution originates from an enzymatic trehalose synthesis.

7. **(Currently Amended)** A ~~process~~ method for enriching trehalose [[from]] in a fermentation broth[[s]], comprising ~~the steps of~~ separating off solids from the broth and exposing the broth to an adsorbent comprising a zeolite, thereby enriching trehalose in said fermentation broth~~enriching the trehalose using an adsorbent, which comprises the adsorbent being an aluminosilicate~~.

8. **(Currently Amended)** The ~~process as claimed in~~ method of claim 7, further comprising separating off from the fermentation broth at least one additional product ~~wherein at least one further product of value apart from trehalose is separated off from the fermentation broth~~.

9. **(Currently Amended)** The method of claim 7~~process as claimed in claim 7 or 8~~, wherein the fermentation broth originates from [[a]]the fermentation [[with]]of at least one microorganism selected from the group consisting of Saccharomyces spec., Candida spec., Escherichia coli[[;]], Corynebacterium spec., Corynebacterium glutamicum, Pseudomonas spec.[[;]], Nocardia spec.[[;]], Brevibacterium spec., Arthrobacter spec., Streptomyces spec.[[;]], Microbacterium spec., Aspergillus spec., Bacillus spec., Pichia spec. and Filobasidium spec.

10. **(Currently Amended)** The method of claim 7~~process as claimed in one of claims 7 to 9~~, wherein the trehalose is present in the fermentation broth at a concentration of less than 15 percent by weight measured on the dry weight of the fermentation broth.

11. **(Currently Amended)** The method of claim 7~~process as claimed in one of claims 1 to 10~~, further comprising purifying the trehalose by a method selected ~~wherein the process comprises at least one further step~~ from the group consisting of activated carbon treatment, ultrafiltration, microfiltration, reverse osmosis and ion-exchange treatment.

12. **(New)** The method of claim 7, wherein the trehalose is adsorbed to the zeolite.

13. **(New)** The method of claim 7, wherein the zeolite is selected from the group consisting of FAU, BEA, DON, EMT, CFI, MOR, MAZ and OFF.

14. **(New)** The method of claim 7, wherein the zeolite is selected from the group consisting of FAU, BEA, EMT, MOR, MAZ and OFF.

15. **(New)** The method of claim 7, further comprising eluting the trehalose from the adsorbent.

16. (**New**) The method of claim 7, wherein the solids are separated off from the fermentation broth by at least one method selected from the group consisting of filtration, pressure filtration, vacuum filtration, cake filtration, depth filtration, cross-flow filtration, microfiltration, sedimentation and centrifugation.

17. (**New**) The method of claim 8, wherein said additional product is selected from the group consisting of organic acids, proteinogenic and nonproteinogenic amino acids, nucleotides, nucleosides, lipids, fatty acids, diols, carbohydrates, aromatic compounds, vitamins, co-factors, storage substances, polyhydroxyalkanoates, polyhydroxybutyrates, proteins, peptides and enzymes.

18. (**New**) The method of claim 1, further comprising eluting the trehalose from the adsorbent.

19. (**New**) The method of claim 1, wherein the zeolite is selected from the group consisting of FAU, BEA, EMT, MOR, MAZ and OFF.

20. (**New**) The method of claim 1, further comprising purifying the trehalose by a method selected from the group consisting of activated carbon treatment, ultrafiltration, microfiltration, reverse osmosis and ion-exchange treatment.

21. (**New**) A method for enriching trehalose from a fermentation broth, wherein the treholose is present in the fermentation broth at a concentration of less than 15 percent by weight measured on the dry weight of the fermentation broth, the method comprising separating off solids from the broth and exposing the broth to an adsorbent comprising a zeolite selected from the group consisting of FAU, BEA, EMT, MOR, MAZ and OFF, such that the trehalose is adsorbed to the zeolite.